

GIVE YOUR *Sidewalls* AND *Roofs*
ENDURING NATURAL TEXTURE AND...

**Distinctive
Beauty
with**

Hand Split **SHAKES**



WESTERN RED CEDAR *Hand Split* **SHAKES**

NATURALLY *Beautiful*
NATURALLY *Durable*

Another of the fine **WEYERHAEUSER**
4-SQUARE Products

THE
LOOK
OF

Elegance

Even a much more modest home can achieve the elegant look of this masterpiece. Here Hand Split Western Red Cedar Shakes have been used on the roof to add both beauty and enduring, trouble-free service.



WEYERHAEUSER

4-SQUARE

Hand Split

For Exciting Textures

Hand Split Western Red Cedar Shakes are the ultimate expression of good taste for home builders who seek authentic charm combined with enduring natural beauty. The rough, rugged texture of hand split shakes provides character and individuality that no other material can give for roof and sidewall treatments on either large or small homes, homes of different styles of architecture. The uneven thickness of the butts creates heavy, irregular shadow lines and a horizontal pattern which ties the

house firmly to the land on which it stands.

Ever since pioneer days Red Cedar has been valued for its tight straight grain . . . their use has been universal. These shakes come from state-grown trees with straight and tall on the western side. In the hands of the craftsman, these shakes embody the best of the material, making them a cherished building material.



Striking **BEAUTY**

Here is an example of a handsome home made even more striking in its natural setting. The secret? A roof of Hand Split Western Red Cedar Shakes which lends a touch of architectural perfection.





Harmony HOUSE

No other material could have put this charming home more in harmony with its site than does the siding of beautiful and durable Western Red Cedar Hand Split Shakes. The texture and pattern of the shakes, their beauty enhanced by weathering, complement the straightforward, pleasing contemporary design.

SHAKES

on Walls and Roofs

stands. Cedar Shakes have been prized for their resistance to the natural elements. Western Red Cedar trees which grow on the best slopes of North America. Split by hand, natural charm which has made them popular for generations.

You can have the elegance, the luxury, the durable qualities of natural or Kolorite-coated Hand Split Western Red Cedar Shakes for your own home . . . and at a cost lower than you might expect.

Let your lumber dealer tell you how to use this superb material on your roof and sidewalls. Find out why the beautiful, durable Hand Split Western Red Cedar Shakes will yield a lifetime of satisfaction and enjoyment.



Gracious LIVING

As evidenced by this lovely home, color-coated hand split shakes on sidewalls and natural shakes on the roof contribute to homes of enduring beauty. Even when coated, the rugged individuality of shakes is retained.

KOLORITE-COATED

Hand Split SHAKES

You now can obtain Hand Split Western Red Cedar Shakes color-coated with beautiful, durable, exclusive Kolorite coatings. These Kolorite-coated Hand Split Shakes retain their distinctive rough texture but have the added beauty of color. There are many modern shades from which to choose . . . white, soft pastels, gay bright colors and deep tones. Lasting beauty is assured because Kolorite, especially formulated for Cedar shakes and shingles, combines pigments of the highest quality with a new type of heavy-bodied alkyd vehicle.

DETAILS OF ROOF APPLICATION

Details for Application on Roofs of Moderate or Steep Pitch



General: In applying hand split shakes, space $\frac{1}{4}$ " to $\frac{3}{8}$ " apart to allow for expansion. Offset joints in adjacent courses at least $1\frac{1}{2}$ ", and be sure joints in alternate courses are not in direct alignment. At the eave line, the starter course of shakes should be doubled, and the butts should extend 1" to $1\frac{1}{2}$ " beyond the roof sheathing. (A sawn shingle may be used for the under-course.)

For roofs of $\frac{1}{4}$ pitch or more: Roof boards may be spaced or solid. Along the eave line, place a 36"-wide layer of $\frac{1}{2}$ -ply or 1-ply smooth surface roofing over sheathing to help prevent leaks if ice forms at this point. Over each course of shakes an 18" width of 30 lb. asphalt saturated felt should be applied over the upper portion of the shakes as "strip flashing". (Example: On 24" shakes laid at 10" exposure, felt should start 2" above next course line and extend 6" onto sheathing above.)

For roofs of low pitch: The degree of pitch determines application details; in general, the following apply. Roof sheathing should be solid. Over entire roof sheathing apply 30 lb. asphalt saturated felt and mop with a coat of live asphalt. For additional protection when maximum exposure is used, also strip-flash (see above) each course.

DETAILS OF SIDEWALL APPLICATION

Solid lumber is the preferred wall sheathing material under sidewalls of durable Western Red Cedar Hand Split shakes. A layer of heavy water-proof building paper should cover the entire wall outside the sheathing before hand split shakes are applied. The maximum exposure of hand split shakes on

sidewalls is $8\frac{1}{2}$ inches for 18" shakes, 11" for 24" shakes, and 14" for 32" shakes. Concealed nailing is customary in applying the shakes. The starter course at the bottom of the wall should be doubled. Make allowance for expansion and contraction of the shakes by spacing all hand split shakes $\frac{1}{4}$ " to $\frac{3}{8}$ " apart.

ALSO SEE REVERSE SIDE FOR COVERAGE TABLE, NAILING INFORMATION
AND OTHER DATA ON APPLYING SHAKES ON ROOFS AND SIDEWALLS

SPECIFICATIONS

of

Weyerhaeuser Red Cedar Hand Split Shakes

Weyerhaeuser Hand Split Western Red Cedar Shakes are beautiful, distinctive, durable. They are hand-split (not machine made) from 100% heartwood of fine, straight-grain Western Red Cedar . . . a wood made durable by nature. Being hand split, these shakes are not exact size; each shake is distinctive in appearance. However, the shakes are of uniform high quality for lasting beauty and resistance to weather. They are produced in different lengths and thicknesses to afford architects, builders and home owners a wide choice of textures for sidewalls and roofs. All Hand Split Western Red Cedar Shakes are of random widths, the narrowest being 4", the widest about 14". Here are four popular types of shakes:

| | Length | Thickness of Butt |
|----------------|----------|-------------------|
| Cape Cods..... | 18"..... | 1/2" to 3/4" |
| Concords..... | 24"..... | 1/2" to 3/4" |
| Colonials..... | 24"..... | 3/4" to 1-1/4" |
| Plymouths..... | 32"..... | 3/4" to 1-1/4" |

HIPS AND RIDGES:

Hips and ridges should always be fabricated with shakes for appearance. At the crown, first apply a flashing over the uppermost course of shakes; this strip should be 30-pound asphalt saturated roofing felt, galvanized iron, or copper at least 12" wide extending 6" on either side of the ridge. Then, tack a straightedge six inches from the center line of the hip on each side. Double the first starting course, and trim butts in line. Nail the first shake on the hip in place with one edge resting against the guide strip, cutting back the edge of the shake projecting over the center of the hip. Shakes in following courses are applied alternately in reverse order.

VALLEYS:

Underlay all valleys with 30-pound asphalt saturated roofing felt applied over sheathing (and under the roof shakes) and extending at least 10 inches on each side of the center line. Lay metal valley sheets (20" wide or more) over felt; use of center-crimped material is recommended. Select valley metal on basis of materials which have proven suitable in your area.

NAILING:

Rust resistant nails, preferably hot-dipped zinc-coated, should be used for hand split shakes both on roofs and sidewalls. The 6d size (2" long) normally is adequate. Nails should be long enough for adequate penetration of sheathing boards. Use only two nails for each shake, driven not over 1" from each edge and 1 1/2" to 2" above the butt line of the course above.

COVERAGE TABLE IN SQUARE FEET

| TYPES OF SHAKES | PACK* | Coverage Factor Per 1" of Exposure | RECOMMENDED MAXIMUM EXPOSURES FOR HAND SPLIT SHAKES | | | | | |
|-----------------|-------|------------------------------------|--|--------|------|------|--------------------|------|
| | | | ROOF EXPOSURES | | | | SIDEWALL EXPOSURES | |
| | | | 5 1/2" | 7 1/2" | 10" | 13" | 8 1/2" | 11" |
| 18" Cape Cods | 10/10 | 2.56 | 14.1 | | | | 21.8 | |
| 24" Concords | 10/10 | 2.56 | | 19.2 | 25.6 | | | 28.2 |
| 24" Colonials | 8/8 | 2.06 | | 15.5 | 20.6 | | | 22.7 |
| 32" Plymouths | 6/7 | 1.67 | | | 16.7 | 21.7 | | 23.4 |

*Number of courses per bundle.

To determine the number of bundles of shakes required, divide the roof or wall area by footage shown above for proper exposure. To determine approximate coverage per bundle, multiply exposure wanted by amount shown in "Coverage Factor" column.



CAPE COD

CONCORD

COLONIAL

PLYMOUTH

Textures and Patterns for Sidewalls

Weyerhaeuser hand split shakes of Western Red Cedar provide a wide range of naturally beautiful textures and architectural patterns for the siding of exterior walls. There are several types of these hand split shakes from

which to choose—the type determined by the length and the butt thickness. Above are shown four of the most popular types. Within each type, the individuality of each shake adds to overall interest of the covering.



CAPE COD

CONCORD

COLONIAL

PLYMOUTH

Textures and Patterns for Roofs

Here are the same four types of shakes on roofs . . . roofs that add lasting beauty and distinction to homes of either traditional or contemporary architecture. Because the roof usually is such a dominant part of the exterior

appearance of the home, it can enhance or detract from any design. That is why today architects draw upon the textural beauty of hand split shake roofs to contribute to overall beauty of both large and small homes.

- ★ **ARCHITECTURAL** *Distinction*
- ★ **STRUCTURAL** *Advantages*
- ★ **LASTING** *Beauty*
- ★ **WEYERHAEUSER 4-SQUARE** *Quality*

Hand Split Western Red Cedar Shakes are another quality product in the Weyerhaeuser 4-Square line of lumber and other fine building materials.

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